



File No. AIIMS/NAG/RPC/DCM2026/CARTB/028/74

Dt. 29/June/2026

**NOTICE INVITING QUOTATIONS**

The Executive Director, All India Institute of Medical Sciences, Nagpur invites quotations from the reputed supplier for **PORTABLE HANDHELD X-RAY MACHINE** for the Community Medicine Dept. at AIIMS, Nagpur details are given below:

Item Description	QTY.	HSN Code	Unit Cost (Excluding GST)	Total Cost (Excluding GST)	GST %	Total Cost with GST
Portable Handheld X-Ray Machine with Flat Panel Detector, Floor Chest Stand, Acquisition & Post Processing Console (Laptop), and Accessories. Detailed Specifications as per Annexure - I	01					
<b>Grand Total -----</b>						

**Note:**

- The technical specification of the item is attached as Annexure-I.
- A compiled statement of technical specification against the item needs to be submitted along with quotation.

**TERMS OF CONDITIONS:**

1. Quotations must be addressed to the Executive Director, AIIMS Nagpur; otherwise, they will be rejected.
2. Signed & stamped copy of NIQ accepting all terms & conditions must be enclosed with quotation.
3. HSN Code must be mentioned & rates should be quoted per unit excluding GST; applicable taxes shown separately.
4. Delivery shall be within 30 days from issue of Supply Order on FOR basis to Dept. of Community Medicine, AIIMS Nagpur, including freight, packing, forwarding, and insurance charges in quoted price.
5. Vendor must submit a declaration that the firm is not debarred by any Government Department/Ministry. Declaration date should be after NIQ date and before quotation submission date.
6. Liquidated Damages @ 0.5% per week or part thereof for delayed supply, subject to maximum 10% of delayed stores value.
7. Payment will be released after satisfactory inspection; damaged/broken items must be replaced before payment.
8. Bank details including Account No. and IFSC Code must be furnished for online payment.
9. Sealed quotations super scribed "**Quotation for Supply of PORTABLE HANDHELD X-RAY MACHINE for Dept. of Community Medicine, AIIMS Nagpur with NIQ No.**" should be submitted by 07./07./2026 up to 17:00 hrs and will be opened on 08./07./2026 at 11:00 hrs.
10. AIIMS Nagpur reserves the right to accept/reject any quotation.
11. Disputes, if any, shall be settled under Arbitration & Conciliation Act, 1996 and subject to Nagpur jurisdiction only.

Administrative Officer, I  
शब्बीर शेख / Shabbir Sheikh  
प्रशासनिक अधिकारी / Administrative Officer  
अ.मा.आ.सं. नागपुर / AIIMS Nagpur

## Recommended specifications for Portable Handheld X-Ray Machine with Image Recording Device

<b>Bidding Specification for Purchase of Handheld Portable X-Ray Machine with Image Recording Device</b>	
S. N.	Specification
<b>A X-ray section</b>	
1	Portable and hand-carried X-ray equipment for point-of-care chest imaging service. Weight of the X-ray unit should not exceed 6 kg.
2	Battery-powered unit with facility to perform 100 exposures or more at 70 kV and 5 mAs.
3	Facility to operate on mains supply of 220V AC single phase, if required by the user.
4	High-frequency X-ray generator with selectable kV range of 50–80 kilovolts or better.
5	MAS range of 0.2 mAs to 10 mAs
6	Focal spot size of the X-ray tube should be 0.8 mm
7	X-ray tube capacity should be at least 8000J or better.
8	Square collimator with LED light to cover an area of 43 cm x 43 cm at a SID of 100 cm.
9	SID tracking facility
10	Dose measurement & display facility immediately after exposure.
11	Soft radiation protection leaves should be standard.
12	Smart screen of 7 Inch or more
13	User selectable anatomical program registers for ease of use.
14	Facility to mount on a tripod stand
<b>B Flat panel detector section</b>	
1	The flat panel detector should be portable and should not weigh beyond 3 Kilogram inclusive of battery. It should be CSI type only. Resolution 3.5 lp/mm or better
2	The size of the detector should be 14-inch x 17-inch wireless radiography type only or better
3	The pixel size of the detector should be 140 microns
4	The detector should have a DQE OF 65% Or better
5	The battery of the detector should be able to work for six – eight hours in a single charge.
6	The analog to digital conversion should be 16 bits or better.
7	The detector should be able to store 100 images or more in case of in-house usage.
8	The detector should have IPX 56 for protection against moisture and fluid spill over.
9	The detector should be provided with a safe carry case.
<b>C Floor chest stand</b>	
1	Portable chest stands with a rigid structure for easy assembly and use.
2	The channel of the chest stand should hold the detector move freely and lock.
3	The chest stand should be rust proof & should have powder metal coating for better performance
4	It should be provided with a chin holder for better patient comfort.
5	It should have a wide platform for stable performance.
<b>D Acquisition &amp; Post processing console</b>	
1	The offer should be with a laptop from a reputed manufacturer & should have service facility
2	The laptop should be of latest technology with minimum of 16 GB RAM & 1 TB SSD storage facility with i5 processor 12 <sup>th</sup> generation or above (with windows 10 or better)
3	The chip set should be INTEL for postprocessing of images.
4	The acquisition & post processing software should be compatible for easy transfer of images
<b>D Accessories</b>	
1	One no: Lead apron AERB approved for use
2	Transport case for the X-ray unit, flat panel detector, laptop

E	Others
1	Warranty period of 3 years from the date of installation of the equipment. After warranty period, 2 years CAMC (Comprehensive annual maintenance contract) should be provided within the quoted value.
2	Easy assembly of the various units at the point of service within about 15-20 minutes for routine use.
3	AERB type approval/NOC for the equipment should be available. Equipment specific CDSCO & BIS/CE/US-FDA certification should be available.
4	Vendor should provide all the necessary documents including the QA certificate for eLORA registration of the equipment during installation.
5	OEM authorization & warranty for X-ray machine, detector & laptop including software, FPD and laptop, batteries and their charger.
6	A demonstration video for the quoted model must be enclosed (as a link)
7	Tripod stand to hold the X-ray unit should be provided.
8	Two units of detector battery should be provided.
9	Online support should be provided for troubleshooting and service if needed.

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 सामुदायिक औषधि विभाग / Dept. of Community Medicine  
 अहमदनगर / AIIMS Nagpur

## Recommended specifications and Table of Compliance for the sheets

The Bidder is required to indicate compliance with each of the below- mentioned terms and conditions by marking yes or no in the respective column & are requested to provide Annexure - II on the company's letterhead.

- Make Sure Annexure II is duly signed and stamped by Authorized Signatory.
- Submission of the proofs marked with an asterisk (\*) is **mandatory** along with the quotation marking 'Yes' or 'No' in the respective column
- Evaluation will be based on the degree of compliance, and the distributor demonstrating the highest compliance will be considered for procurement. Any non-compliance with mandatory/non-negotiable criteria will not be entertained and will lead to disqualification

S. N.	PARAMETER	Compliance (Yes/No)	Proof Provided (Yes/No)
1.	<u>Technical Specifications</u> : The bidder confirms that the quoted product meets all technical specifications as enumerated in Annexure – I.		
2.	<u>Bidder Status &amp; Manufacturer Authorisation</u> : The bidder shall clearly state whether they are the Manufacturer, Authorised Distributor, Dealer, Trader, or Supplier. If the bidder is not the manufacturer, a valid Manufacturer Authorisation Form (MAF) granting sole authorisation to the bidder for this specific NIQ reference number must be submitted. Note: Both the manufacturer and their authorised dealer may not participate simultaneously in the same tender.		
3.	<u>CDSCO Registration</u> : The quoted model shall be registered under the Central Drugs Standard Control Organisation (CDSCO). A copy of the valid CDSCO licence to manufacture or distribute the quoted medical device model shall be furnished.		
4.	<u>AERB Type Approval</u> : The quoted X-ray device shall have valid Atomic Energy Regulatory Board (AERB) Type Approval. The AERB approval certificate number specific to the quoted model shall be furnished.		
5.	<u>Equipment Certifications</u> : The quoted equipment shall hold valid certification(s) from one or more of the following: US-FDA, EU-CE Mark, or BIS [IS 7620 (or latest)]. Copies of applicable certificates shall be provided.		
6.	<u>Electrical Safety – IEC 60601</u> : The quoted model shall comply with IEC 60601 electrical safety standards. The test report for the quoted model shall be submitted with the bid.		
7.	<u>Manufacturing Quality System Certification</u> : The manufacturer of the quoted product shall hold a valid EN ISO 13485 certificate issued by a Notified Body, or an ICMED 13485 (with or without Plus) certificate issued by a certification body accredited by NABCB, or an ISO 13485 certificate from a body accredited under IAF MLA.		
8.	<u>Warranty &amp; Comprehensive Maintenance Contract (CAMC)</u> : The equipment shall be covered under a comprehensive on-site warranty for three (3) years from the date of supply and installation.		
9.	<u>Spare Parts Availability &amp; Breakdown Response</u> : The successful bidder shall maintain adequate spare parts inventory to ensure that any breakdown is attended to and the equipment is repaired or a replacement unit is provided within 48 hours of a complaint during the warranty and CAMC period.		
10.	<u>Battery Replacement – No Recurring Cost</u> : The offered system shall have no recurring cost for battery replacement. Batteries for the X-ray unit and flat panel detector shall be replaced free of cost during the warranty and CAMC period.		
11.	<u>Installation &amp; Commissioning</u> : Installation shall be carried out by a skilled and trained engineer of the manufacturer/authorised service Centre. Installation shall be deemed complete only when the equipment is fully operational and performing as per the tender specifications, duly certified by the consignee.		
12.	<u>Training &amp; Documentation</u> : The supplier shall provide hands-on operational training to the designated staff of the consignee at no additional cost at the time of supply. A comprehensive user manual, warranty card, and service documentation shall be handed over to the consignee at the time of delivery.		

13.	<u>Inspection</u> : AIIMS Nagpur or its authorized representative reserves the right to inspect the supplied equipment on a random basis after delivery to verify conformance with the technical specifications stipulated in this NIQ.		
14.	<u>Country of Origin &amp; Land Border Compliance</u> : The bidder shall submit a declaration regarding the Country of Origin of the quoted product & confirm compliance with the Government of India's procurement guidelines on land border-sharing countries, as applicable.		
15.	<u>Preference to Make in India</u> : As per the Order issued by DIPP vide No. P-45021/2/2017-PP (BE-II) dated 29.05.2019 and subsequent amendments, AIIMS Nagpur reserves the right to extend preference to local suppliers as defined under the said Order. Kindly submit it company's or firm's letterhead: - <b>"I/We certify that the item offered meets the local content requirement for <input type="checkbox"/> Class I Local supplier (Minimum 50% of local content) <input type="checkbox"/> Class II Local supplier (Minimum 20%, but less than 50%, of local content)"</b>		
16.	<u>Software Licences &amp; Updates</u> : All software supplied as part of the system (acquisition, post-processing, and operating system) shall be duly licensed for use in India. Copies of software licences shall be provided. Software updates shall be supplied free of cost during the warranty and CAMC period. If a software upgrade requires additional hardware, the cost shall be mutually negotiated.		
17.	<u>Adherence to Safety Regulations</u> : Personnel deployed by the vendor for installation, servicing, or any other purpose on AIIMS Nagpur premises shall adhere to all applicable safety regulations and protocols of the Institute. The vendor shall be solely responsible for the safety and health of their deployed personnel and shall indemnify AIIMS Nagpur against any accident or injury.		
18.	<u>Product Catalogue / Technical Literature</u> : A detailed product catalogue, brochure, or technical literature for the quoted model, clearly indicating all specifications and features, shall be submitted along with the bid.		
19.	<u>Manufacturer's Financial Eligibility</u> : Certificate of annual turnover of the manufacturer for the last three (3) financial years, duly certified by a Chartered Accountant with a separate UDIN number, shall be submitted. The minimum turnover threshold is ₹ 15 Lakhs per annum. (If the 2025–26 balance sheet is unavailable, the preceding three years' statements may be furnished.)		
20.	<u>Bidder's Financial Eligibility</u> : Certificate of annual turnover of the bidder for the last three (3) financial years, duly certified by a Chartered Accountant with a separate UDIN number, shall be submitted. The minimum turnover threshold is ₹ 30 Lakhs per annum. (If the 2025–26 balance sheet is unavailable, the preceding three years' statements may be furnished.)		
21.	<u>Past Performance – Supply Orders</u> : Copies of purchase/supply orders issued by Government institutions or organizations for similar items, amounting to a minimum of ₹15 Lakhs in aggregate in past years, shall be submitted as proof of performance.		
22.	<u>Manufacturing &amp; Quality Certifications</u> : Valid copies of applicable ISO, CE or BIS certifications for the manufacturer and/or the product shall be submitted.		
23.	<u>Essential Bidder Registration Documents</u> : The following documents shall be submitted <ul style="list-style-type: none"> <li>• <b>Permanent Account Number (PAN)</b></li> <li>• <b>Certificate of firm/company registration</b></li> <li>• <b>GST Registration Certificate</b></li> </ul>		
24.	<u>Non-Blacklisting Undertaking</u> : A self-declaration by the bidder shall be submitted, stating that the firm has not been debarred or blacklisted by the Department of Commerce or any Ministry/Department of the Government of India. The date of declaration shall not be prior to the date of this NIQ or after the last date for submission of quotations.		
25.	<u>Acceptance of NIQ Terms</u> : A copy of this NIQ document, duly signed and stamped by the authorized signatory, shall be submitted along with the quotation as an unconditional acceptance of all terms and conditions herein.		
26.	The purchaser reserves the right to accept in part or in full any tender or reject any or more tender(s) without assigning any reason or to cancel the tendering process and reject all tenders at any time prior to award of contract, without incurring any liability, whatsoever to the affected tenderer or tenderers.		
27.	The quoted rates shall be inclusive of all charges including GST/taxes, warranty charges, transportation, freight, loading/unloading, installation, demonstration, commissioning, insurance, packing & forwarding, and any other incidental expenses. No additional charges shall be payable separately under any circumstances.		

28.	100% payment shall be released after satisfactory delivery, installation, demonstration, and acceptance of the supplied item(s).		
29.	In case the supplier requires any elucidation regarding the tender documents, they are requested to contact to the Store Officer, AIIMS Nagpur through e-mail: <a href="mailto:researchcell@aiimsnagpur.edu.in">researchcell@aiimsnagpur.edu.in</a> on or before end date of clarification as per critical date sheet.		
30.	The successful bidder shall be required to furnish a Performance Security Deposit equivalent to 3% of the contract value (Supply order) in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt from a commercial bank (including e-Bank Guarantee), or online payment in an acceptable form safeguarding the purchaser's interest in all respects, duly pledged in favor of " <b>The Director, AIIMS Nagpur</b> ", payable at Nagpur, within 15 days from the date of award of contract/supply order. Since the procurement includes a warranty period & CAMC of 36 months (above Sr. No. 8), the Performance Security Deposit shall remain valid for a period of 38 months (36 months warranty + 2 months claim period). In case of delay beyond 15 days from the date of issue of the supply order, penal interest @15% per annum shall be charged from the 16th day onwards till submission of the Performance Security Deposit.		
31.	Delivery Period: - Within 30 days from the date of issue of Supply Order & Other terms and condition applicable as per manual for procurement of goods and GFR etc.		

Authorized Signatory (Name & Designation): \_\_\_\_\_

Company Name & Seal: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_